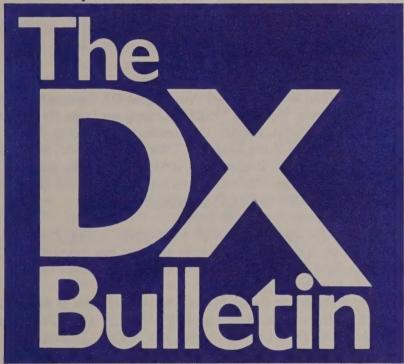
- Cayman Islands ZF John Attaway K4IIF will operate in the IARU HF Championship July 11-12 as ZF2.II. QSL to Chris Williams KG6AR, 1117 S. Del Mar Ave., San Gabriel CA 91776.
- Cyprus 5B Theo PA3ERL will operate /5B4 to July 21, concentrating on 12- and 17-meter SSB. QSL via home call. (OK-DXpress.)
- Malawi 7Q IN3VZE will be active until July 20 as 7Q7CE, on all bands, to 6 meters. QSL home call.
- Corsica TK Monique ON6BY will operate as TK/ON6BY to July 15, on 80, 40, 20, 17, 15, 12, and 10 meters, CW and SSB. QSL via home call.
- Desecheo KP5 The same group that put Navassa KP1 on the air earlier this year will operate from KP5 in December. Operators are NØTG, WA4DAN, KW2P, AA4VK, and WØRJU. More details to follow.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Islands On The Air

- KA5EJX will operate from Galveston Island (NA-143) July 12-15; QSL home call: Rod Huckabay, 4002 70th Street, Lubbock TX 79413.
- OG9AR/p July 14-21 is the Tornia Radio Club operating from Christmas Tree Island (EU-126). QSL to OH9AR.
- HLØY/4 is active to July 14 from Sorak Is. (AS-060).
- DL7IY/SV8 is active to July 27 from Levkas Is. (EU-052).
- GX4CRA/p is active July 25 from Rat Is. (EU-005), and on August 23 from Mersa Is. (also EU-005).
- IK2AEQ/IMQ is active to July 20 on San Pietro Island (EU-024).
- CT1EEN/p on Berlenga Is. (EU-040) will be active July 16-19. QSL CT1CUM.
- FD1NZO and F6AMI (see Issue 644) will operate from Westmans Island (EU-071) during their Iceland stay.

Shortly Noted

July 10, 1992

- C9TDM has been noted on 28400 kHz at 1400Z, and 21279 khz at 1330Z. (W1AW.)
- V51??: DK1II is active until late July, on all bands, concentrating on CW. QSL home call. (DXPress.)
- F6BLQ/D2 has been active on 15 meters, especially 21170 and 21222 kHz at 15-1800Z, and 17-meters SSB after 2200Z. QSL home call or F6ELE.
- Fernando de Noronha PYØ will be active July 12-15, with JH1ROJ and PS7KM operating from PYØFF's station.
- OK1DTG is back in Czechoslovakia after his /P5 operation April 12-24, on 40-meter CW. (The 15-meter CW operation was by a pirate.) Promised written permission for the operation has not yet been received.
- ZD8Z will be active from Ascension Island (AF-003) July 22-August 5; QSL VE3HO. (DXNS.)
- JW/DL6DBN will operate Oscar Mode B July 17-31.
- 4A500 is the shipboard call of "Marigalante," replicating Columbus's voyages. Try 7050 kHz at 0400Z.
- EA6/F6GIN will be active July 25-Aug. 20.
- YW5N will operate the VHF WPX test July 11-12; watch 50110 kHz. QSL YV5ARV, Box 3636, Caracas 1010-A.
- 4M5JOB and 4M5OGB will be active from Venezuela during the Olympic Games in Spain; QSL to YV5ARV.
- KE2PF/KH2 is active for the next two years.
- Albanian resident callsigns have been shortened by eliminating the 'TA' after the numeral. Thus ZA1TAJ is now ZA1J; QSL to corresponding ZA1TA- route.
- 9A2 calls are now being used by Croatia YU2 operators. The Association of Radio Amateurs of Slovenia has resigned from the Amateur Association of Yugoslavia, and has applied for separate membership in the IARU.
- Brazil is now active on 30 meters, as of June 12.
- YB3ASQ returns to the States in late July; catch Bob now. Likewise ZP6CW wraps up his prolonged Paraguay stay soon; work, and QSL, him right away.
- QSL OD5/SP1MHV via his home address: Ed Durbanjlo, P.O. Box 11, 78-300 Swidwin-1, Poland. QSL OD5/SP7LSE via Antoni Lichota SP7EJS, P. O. Box 82, 93-100 Skierniewice, Poland. Donations much appreciated.
- SSB Net check-ins: 14222: (0030Z) WR1Z/KH9 EL2PP ZK1TW (South Cooks) KH6JEB/KH7 ZK1XP (North Cooks) VKØNE 3D2XV (Rotuma) A35KB; 14227: (11,22Z) HSØZAD ZF1UK 7Q7RM VK9LA A35KB T3ØA ZK1WL BV2FB VQ9AC 9M8DB 9M2HB; 14236: (02Z) 5N8LRG KH3AF EP2MHB 3A/F9UW; 14256: (2330Z) 3XØHNU T53UN SU1SK TU2JL.
- RTTY: Keith VP8CBK on South Georgia listens on 21085 and 28085 kHz Sundays and Tuesdays 15-1700Z.

Important Note

There was not an Issue of The DX Bulletin dated July 3; your editor was in Europe. The issue prior to the current one was Issue 644, dated June 26. The DX Bulletin is published 50 weeks a year.

Propagation Forecast and Historical Data

Day Forecast	27 D	ays Before	55 Days Before	
July 1992	Date	Flux A K	Date Flux A	K
10 Low Normal	06/13	124 14/12 3	05/17 113 03/05 2	2
11 High Normal	06/14	123 09/07 1	05/18 117 11/10 3	3
12 High Normal	06/15	121 06/10 2	05/19 131 09/13 2	2
13 High Normal	06/16	119 06/07 1	05/20 137 09/10 3	3
14 High Normal	06/17	130 06/07 1	05/21 142 09/09 3	3
15 Low Normal	06/18	116 14/18 4	05/22 145 26/26 3	3
16 Low Normal	06/19	115 11/12 3	05/23 142 10/12 3	3
17 High Normal	06/20	113 10/08 2	05/24 134 08/09	1
18 High Normal	06/21	117 09/08 2	05/25 123 08/12 2	2
19 Low Normal	06/22	116 10/12 1	05/26 119 05/07 2	2
20 Low Normal	06/23	122 11/13 3	05/27 115 09/09 2	2
21 Below Normal	06/24	118 25/22 3	05/28 111 11/10 2	2
22 Low Normal	06/25	122 15/16 3	05/29 105 17/17 3	3
23 High Normal	06/26	112 09/09 2	05/30 99 14/12 3	}
24 Low Normal	06/27	110 12/14 4	05/31 99 08/09 2	2
25 Below Normal	06/28	108 15/20 2	06/01 99 07/08 1	1
26 Disturbed	06/29	111 38/45 4	06/02 102 04/06 1	1
D XX-4-1				

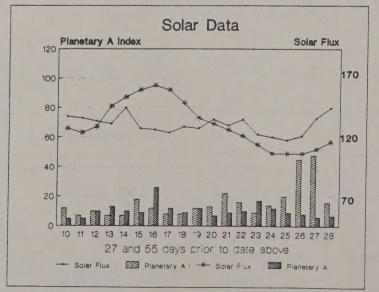
Propagation Watch

The bands have not been kind to DXers in recent weeks. Solar flux has remained low. This, combined with seasonally depressed maximum useable frequencies (MUFs), has limited DXing on the higher bands to occasional north-south openings. Even 20 meters is poor during the day; it's better around local dawn and sunset.

Unfortunately, the low solar flux has not been accompanied by a lack of solar flares. Sunspot Region 7205 produced a series of major flares as it rotated around the west limb of the sun in late June. These flares disrupted the earth's geomagnetic field severely, wiping out propagation in polar and auroral latitudes, and lowering signal strengths everywhere. Region 7205 will return in mid-July; be prepared for another round of flares.

Meanwhile Region 7220 produced a series of M-class (mid-level) flares as it rotated around the east limb. This active Region may produce band-disrupting flares this week. And magnetically complex Region 7216 rotates around the west limb this weekend. A major flare at that time can hurt DXing, just as the flare from Region 7205 did on June 30.

20 meters remains the best DX band, with 30 and 18 meters open more than most DXers realize. 15 provides some daytime DX, but signals are weak. Good hunting!



1992 Most Wanted Countries Survey

Included with this Issue is the 1992 Most Wanted Countries survey form. Please take a few minutes to carefully complete and return the survey form as soon as possible. Many DXpeditioners eagerly await the results of this survey to plan their operations. Your response may help convince a DXpeditioner to go to a country you need. The more DXers respond, the more accurate the survey, so please help yourself and other DXers by participating. Thanks.

DX Advisory Committee Votes

As expected, the DXAC voted against separating Ceuta and Melilla EA9 into two DXCC countries. The DXAC voted 16-0 against the proposal, because EA9 is not a Point 1 (government) country, and thus Rule 3(a) (separation by another DXCC country) does not apply.

Likewise the DXAC voted unanimously (15-0, with one abstention) against the proposal to delete the Spratly Islands 1S from the DXCC countries list. The Committee felt there wasn't sufficient evidence to support the deletion.

Finally, the DXAC voted 14-1 against deleting Southern Sudan STØ from the countries list. The DXAC didn't find sufficient sign of change in Sudan to justify the deletion. The net result: no change in the DXCC list.

DX Gatherings

The second annual West Texas DX Bash is Oct. 10-11, at Bryan Edwards W5KFT's ranch on Lake Buchanan, north of Austin. Among the guests will be Danny Weil VP2VB, Bob Winn W5KNE, Dick Weber K5IU, and Les Bannon WF5E. Registration is \$15. For details, contact W5KFT at 806-745-3692 (work) or 806-799-5783 (home), or send an SASE to The DX Bulletin for the registration/information form.

The annual SEANET Convention is Oct. 29-Nov. 1, in Darwin, Australia. For details, contact Jim Jones VK8LJ, P.O. Box 37173, Winnellie NT 0821, Australia. (Thanks Amateur Radio.)

The first Polish IOTA Club Convention is August 21-23, at the recreation center in Pietrowice, near Glubczyce, a few miles from the Czechoslovakia border. Swimming, tennis, etc., is available. Cost is US\$40, for two days accommodation and food. For more information, contact Rafal Krawiec SP6TPM, Box 22, 48100 Glubczyce Poland, telephone 48-7945-2004.

DXCC Processing Backlog

After whittling the DXCC processing backlog back to current status last year, the crew has once again fallen far behind. As of June 26, the DXCC desk was processing applications received on Feb. 6. They were mailing cards and stickers for applications received Dec. 30-Feb. 2. 37 older applications were still in process. They had 3718 applications with 212,636 cards to check and enter into the DXCC database, as of June 26. The DXCC desk is aware of DXers' concerns over this backlog, and are taking steps to improve the process. Once the majority of active DXCC records are on the computer, up-dates and endorsements, especially for multiple DXCCs, will be very simple. Your patience is appreciated.

$B \cdot A \cdot N \cdot D \cdot P \cdot A \cdot S \cdot S$

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.

S M W S 3 21 22 23 24 25 26 27 28 29 30 2 3 1 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

RTTY

9K2KA 14086 2346 22 OH 9M8ZZ 14081 1313 28 PA CO2JA 14083 0255 27 CA CT1AUR 14086 0320 25 CA CX5RW 14090 0108 6 CA EF92EXPO 14083 2323 23 PA ES7FQ 14084 0444 26 PA FG4FI 14086 2014 27 FL FO4OD 14086 1210 27 FL 14084 0645 H44JS 1 CA HP2CWB 21082 2010 26 CA P₂₉BT 14084 1105 23 OH SVØHW/9 14085 CA 0111 6 SVØHW/9 14085 2121 28 PA V73CT 14075 1034 5 CA V85CJ 14088 1425 CA 2 VO2AA 14087 1306 28 FI VR6BX 14082 PA 0202 1 VR6BX 21084 0249 6 CA ZP6XD 14083 0020 CA

80 Meters

Z21JX 3505 0045 19 MA ZL3GQ 3501 1127 4 FL

75 Meters

FK8FU 3799 1011 5 CA VK6LK * 3798 2325 26 MA VP8CFM 3792 1011 4 CA VP8ML 3791 1037 4 CA

40 Meters

3B8CF 7005 0240 23 CA 6V1A 7008 0117 4 FL 6W6JX 7007 0635 23 WI FK8GJ 7008 0647 6 CA **HFØPOL** 7004 0629 6 CA 1105 22 IA P₂₉JA 7005 ZA1J 7003 0313 27 FL

30 Meters

3B8CF 10103 0315 27 FL 3B8CF 10105 1345 4 CA 3XØHNU 10105 0125 20 AL FK8GJ 10106 0502 3 CA FK8GJ 10105 1144 PA 1 FR5GG 10105 1408 2 CA FY/ON4ZD 10103 2350 3 FL HBØ/ 10102 0151 3 PA HAØHW KG4DD 10105 0055 30 FL **OD5/** 10104 2350 27 FL SP1MHV OX/DK2OY 10101 2303 2 PA S79EC 10103 0045 29 PA SVØDV/9 0212 25 PA 10102 U5WF 0251 26 NY 10106 VK6XA 10103 1414 3 CA VK8AV 10104 1059 19 WV VP2MLD 10106 2353 1 PA **Z21HS** 10104 1436 4 CA ZS6QU 10104 0624 5 CA 7560U 10108 1446 4 CA

20 Meter CW 3D2BX 14010 0536 3 CA 6W6JX 14028 1106 28 FL 8R1J 14018 1158 23 AL 9A2RA 14028 0516 6 CA 9A2WT 14006 0324 6 CA 9M8FC 14003 1405 6 CA 9V1JY 14011 1312 23 CO 9Y4NW 14015 2359 30 AP/ 14026 2327 2 FL WA2WYR BV2A 14015 1252 4 FL 14017 BV2BI 1228 22 MN **BV2TA** 14008 1334 25 CO BV4CT 14023 1523 3 CA BY5RC 14016 1237 26 MN BZ5DX 14028 2146 5 CA CP6RP 14024 1204 25 EA9UK 14001 2231 23 EU9WO 2225 23 MI 14011 FK8FG 14014 0618 27 WI FO5BI/P 14003 0243 29 IL FO5JR 14010 0623 21 WI FR5DD 14019 1136 4 FL FY5FX 14020 0000 30 FL HC5AI 14022 0009 30 FL **HL9TG** 14001 1222 21 WI HS1CDX 14004 1320 21 .128FO 14006 0217 27 MN OD5/ 14022 0056 25 WI SP1MHV OD5/ 14026 2330 30 MN SP7LSE OD5BU 14062 0255 26 MN OX/DK2OY 14033 2250 28 MN OX3XR 14021 0304 21 WV PJ7/ 14025 1102 28 FL FS4PL PZ5EL 14036 0141 1 FL RC2SA 14018 2235 5 CA S79EC 14025 0002 27 FL SV7BAY 14005 2354 26 FL TR8GP 14034 0120 1 MN TT8ZH 14016 2303 28 MN UAØFZ 14002 1337 64 CA UD6DCP 14014 0106 23 MN UF6FJ 14012 0144 FL 1 **UF7FWW** 14028 0152 FL **UF7FWW** 14026 1322 3 CA **UI8BBB** 14004 2349 24 MN **UJ8JA** 14013 2345 30 FL UJ8KA 14009 0100 25 MN **UL8GB** 14014 2128 20 MI **UM8FZ** 14019 1436 4 CA **UM8MQ** 14028 0101 23 MN

V73CT

VS6BG

XQØYAF

VQ9AC *

14028

14026

14003

14003

1030 3

1235

0016

1030 24 MN

21 IA

CA

MN

YB3OSE 14010 1220 22 MN YO8F7 14031 0353 6 CA YU3RI 14021 2230 24 MI ZA1J 14024 0059 25 WI ZA1TAA 14030 0011 30 FL ZF2AH 14026 1243 2 MN ZP6CW 14027 1216 29 IL

17 Meter CW

14226

1023 17 VA

ZK1WL

4K2MAL 18071 0218 23 CA 4K2MAL 18068 2004 4 FL 5T5CJ 18083 1149 4 FL 7P8SR 18079 1400 2 PA AM8AF 18083 1909 28 FL CE1IDM 18072 0131 3 FL PA FK8GJ 18073 0202 1 OA4BCZ 2124 23 CA 18071

OD5/ 18079 0030 26 FL SP7LSE OX/DK2OY 18073 1303 1 PA S2/ 18072 1534 22 CA SM6CPY S79EC 18083 2143 21 WI UC2AAA 18071 0357 4 CA VQ9QM 18077 1621 2 CA VO9RR 18086 1632 23 CA ZA1A 18074 0008 FL 4 ZA1A 18074 1444 2 PA ZD8LII 18069 2242 24 CA ZP6CW 2343 28 18073 FL

17 Meter SSB

D2/F6BLQ 18119 2215 26 CA **KH3/** 18130 0522 26 CA **WA1GIR** OD5/ 18120 1940 1 PA SP1MHV V73CT 18131 1158 20 NS YBØWR 18120 1509 4 CA ZL2APW 18132 0455 25 CA

15 Meter CW

6W1AE 21008 1932 4 FL 8R1J 21013 2258 CA 5 EA9UK 21019 2319 22 MN FO5BI/P 21018 2338 26 FL FP/VE1KM 21016 2335 FL 3 FR5GG 21018 1520 22 IA S79SGA 21019 1828 FL 4 TA3D 21013 180* CA 3 TT8ZH 21011 1525 22 IA V73CT 21026 0307 CA 6 VQ9AC 21037 1620 17 NY VU2BEL 21025 1253 FL 4 ZA1A 21025 2330 3 FL ZD8MS 21040 1756 27 MN

15 Meter SSB

5NØCEP 21263 2315 21 IA 5Z4FM 21312 1840 22 IA 7P8DX 21234 1601 26 WI A22MN 21330 1605 20 IL D2/F6BLQ 21262 1500 23 IA EL2PP 21358 1610 21 IA OD5ZZ 21291 2129 3 CA P29DX 21252 0500 21 IA TL8NG 21355 1525 21 FL **VR6MW** 21421 0045 22 IA YI1BGD 21252 1259 20 NS

12 Meter CW

VP2MLD 24899 2125 21 NY

10 Meter SSB

5W1UG 28463 0237 22 11 HKØCCN 28415 2230 21 VA HKØNZY 28510 2101 FL KH6RS 28335 0259 28 TL LU4MEE 28395 1533 28

Current and Future DXpeditions

(Changes and hot info in boldface.)				
DXCC Country		Callsign	Dates	Issue
Aland Islands	OHØ	OGØC	July 10-11	I643
Albania	ZA	OHs	July 1-13	1644
Ascension Island	ZD8	ZD8Z	July 22-Aug.	51645
Baleric Islands	EA6/	F6GIN	July 25-Aug.2	01645
Bermuda	VP9	VP9CB	July 11-18	1643
Botswana	A2	A22MN	28469/13Z Sa	tI642
Burkina Faso	XT	XT2BW	one year	1628
Cambodia	XU	XU7VK	Now-July	I641
		XU8CW	Now active	1643
Cayman Islands	ZF	ZF2AH/JT	June 27-July	13 164
		ZF2JI	July 11-12	1645
Central African R	ep. TL	8XX	now active	I641
Corsica	TK/	ON6BY	to July 15	1645
Cyprus	5B4/	PA3ERL	to July 21	1645
Desecheo	KP5	KP1 crew	December	1645
Faroes	OY/	Fs	July 14-17	1644
Fernando	PYØ	2 ops	July 12-15	I645
Greenland	OX/	DK2OY DL3LAB to July 11 I64		1 1643
Guinea-Bissau	J5	J5UAI	Now active	I641
Iceland	TF/	Fs	July 19-Aug.	5 1644
Kuwait	9K	9K2WR	to July	I620
Lebanon	OD5/	SPs	now authorize	ed 1639
Malawi	7Q	7Q7CE	to July 20	i645
Mauritania	5T	5T5CJ	17M 1500Z	I639
Mozambique	C9	C9TDM	28400/14Z	I645
Namibia	V5	by DK1II	to late July	I645
North Cook Is.	ZK	ZK1XP	Now	1643
Oblast 062	RB5X	/RB5UE	July 1-Sept.	I643
Pakistan	AP/	WA2WYR	Now active	I619
Rwanda	9X	9X5HM	to July	I641
Snake Island	4K	4K5ZI	July 5-25	I644
Somalia	T5	T53UN	2-6 months	1639
Sovereign Bases	ZC4	ZC4DG	to July 11	1639
Svalbard	JW	JW5NM	Now active	1632
Tanzania	5H	5HØROA	July 15-31	1644
Vietnam	XV	XV7TH	21295 13-16Z	1637
Wallis & Futuna	FW	FW1FM	17M 08-10Z	I642

Operating Events and DX Gatherings

operating Events and DA Gatherings			
Dates	Event Reference:		
July 11-12	IARU HF Championship	QST	
July 18	Colombian Independence Day	1644	
July 18-19	Olympic HF Contest	<u>1644</u>	
July 24-26	Northwest DX Convention, Seattle	e WA 1643	
July 25-26	Venezuelan CW DX test	1644	
Aug. 1-2	Romanian DX Contest	CQ	
Aug. 8-9	Worked All Europe CW Test	CQ	
Aug. 15-16	SEANET SSB August DX M	Magazine	
Aug. 15-16	SARTG RTTY Test August DX	Magazine	
Aug. 21-23	ARRL National, Los Angeles		
Aug. 21-23	Polish IOTA Convention	1645	
Aug. 28-30	New Orleans International DX C	onvention	
Sept. 12	W9DXCC Convention	<u>1640</u>	
Oct. 10-11	DXPO 92, Washington DC		
Oct. 10-11	West Texas DX Bash	<u>1645</u>	
Oct. 29-Nov. 1	SEANET Convention, Australia	<u>1645</u>	

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Albania	ZA1J	14024	0100Z
Ascension Island	ZD8LII	18070	2245Z
Crete	SVØDV/SV9	10102	0200Z
Croatia	4N2PM	20M SSB	0240Z
Easter Island	XQØYAF	14003	0015Z
Eastern Malaysia	9M8FC	20M CW	12-1500Z
Georgia	UF7FWW	14030±	0200Z
Georgia	UF6FJ	14009±	0200Z
Kuwait	9K2GS	14195±	0250Z
Lebanon	OD5/SP7LSE	14022	2330-02Z
Lebanon	OD5/SP1MHV	7 20M CW	01-03Z
Lebanon	OD5/SP1MHV	7 10104	00-0200Z
Marshall Islands	V73CT	21026	03Z Mon.
Mauritius Island	3B8CF	10104	0315Z
Mauritius Island	3B8CF	7006	0240Z
New Caledonia	FK8GJ	18074/02 1	0106/05z
Paraguay	ZP6CW	18071±	00-0300Z



P. O. BOX 50 FULTON CA 95439 USA (707) 523-1001

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DXCC Country	Callsign	Freq.	UTC
Svalbard	JW5NM	14195	22,1330Z
Taiwan	BV4CT	14024	1530Z Fri.
Uzbekistan	UI8BBB	14008±	0000Z
Zimbabwe	Z21HS	10103	1430Z
Zone 29	VK6LK	3798	2325Z

Contributors

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